



**Clallam County:**

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Scope of Assistance and Direction from Grantee:

The kickoff meeting with Clallam County occurred on July 8, 2005. Mr. Steve Gray had assembled a broad group that included members of the Public Works Department, Environmental Health Department, Clallam Conservation District, and Planning Commission.

At that meeting, County staff directed the consultant team on the content of the desired technical assistance. The following are the areas of emphasis that staff directed the team to pursue:

- Prepare a grading ordinance that would incorporate LID
- Prepare landscaping and native vegetation standards
- Review the County's draft stormwater management ordinance
- Provide cost comparisons that staff can use to educate policy makers and developers that LID techniques are no more expensive than conventional development techniques

This direction resulted in the preparation of the following work products:

- Draft Grading Ordinance
- Landscaping and Native Vegetation
- Draft Stormwater Management Ordinance
- Planned Low Impact Developments (PLID)
- Cost Comparison
- Roof Downspout Controls
- Incentive Matrix
- Road Sections

At a second meeting which occurred on November 17, 2005, the following work products were reviewed and discussed:

- Draft Grading Ordinance
- Draft Stormwater Management Ordinance
- Planned Low Impact Developments (PLID)
- Incentive Matrix

The comments on the draft grading ordinance and stormwater management ordinance were well received. It appeared that County staff planned to take these products through the local adoption process. During the second meeting, staff asked for documents that the consultant team prepared for other jurisdictions, such as landscaping and native vegetation standards, downspout controls, etc., to include within a package for Clallam County adoption.

After the second meeting, the following materials were transmitted to County staff for review:

- Landscaping and Native Vegetation
- Cost Comparison
- Roof Downspout Controls
- Road Sections

Copies of the draft regulatory language are enclosed.

Findings:

Clallam County's existing development regulations generally did not provide any incentive to use LID. Currently, Clallam County's storm water management regulations only apply on sites encumbered with critical areas.

The grant request from Clallam County requested the preparation of a grade and fill ordinance. The grade and fill ordinance that was transmitted to Clallam County was prepared based on the draft CTED/DOE model ordinance. The model ordinance references LID best management practices identified in the Stormwater Management Manual for Western Washington (Washington State Department of Ecology, April 2005).

The consultant team also prepared road sections and provided copies of downspout control standards and details. Finally, to respond to questions concerning the cost of using LID best management practices, the consultant team provided a cost comparison between LID and conventional stormwater management techniques.

Observations and Lessons:

The consultant team's experience with Clallam County was different than anticipated. Research and preparation prior to the kickoff meeting revealed that the County had neither grading nor drainage ordinances. Clallam County staff was very familiar with the tenets of LID. Staff had considered how to implement LID across the variety of watersheds found in Clallam County. Future grants to jurisdictions without a grading or storm drainage ordinance may be more effective if broadened to include a wider range of policy updates or technical assistance during the adoption phase.